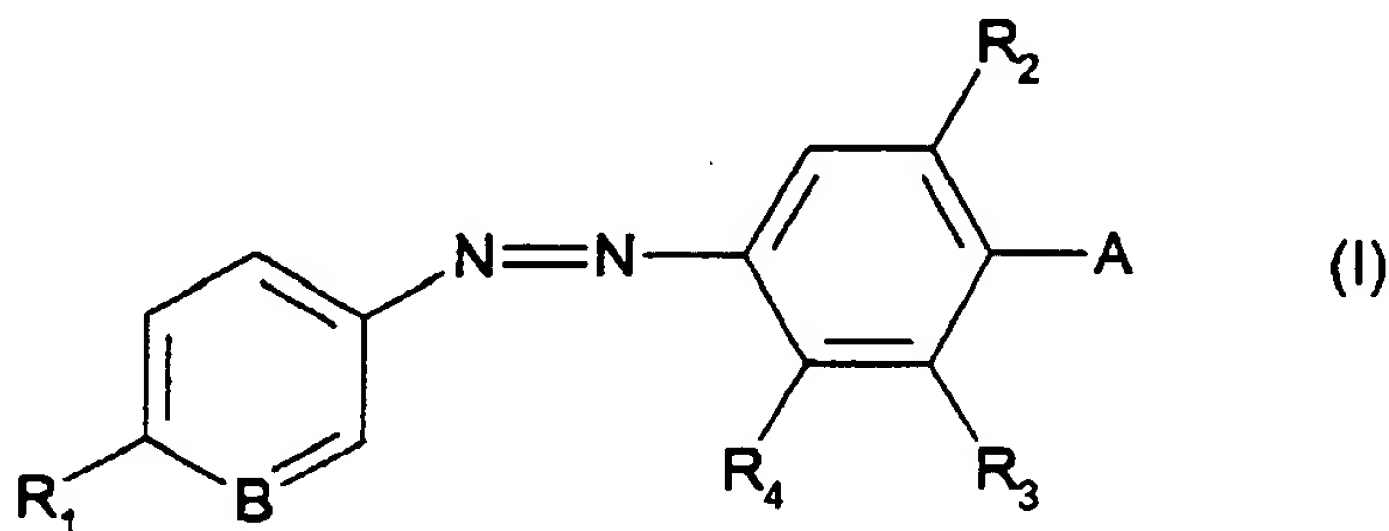


-- 26. A composition for the oxidation dyeing of keratin fibers comprising:

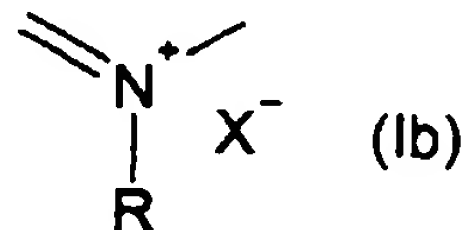
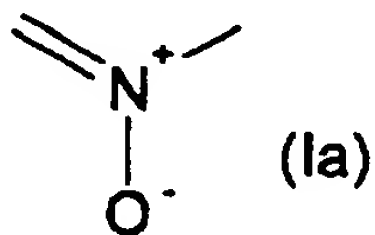
a) at least one oxidation base, and

b) as direct dye, at least one 3-aminopyridine derivative chosen from the compounds of formula (I):



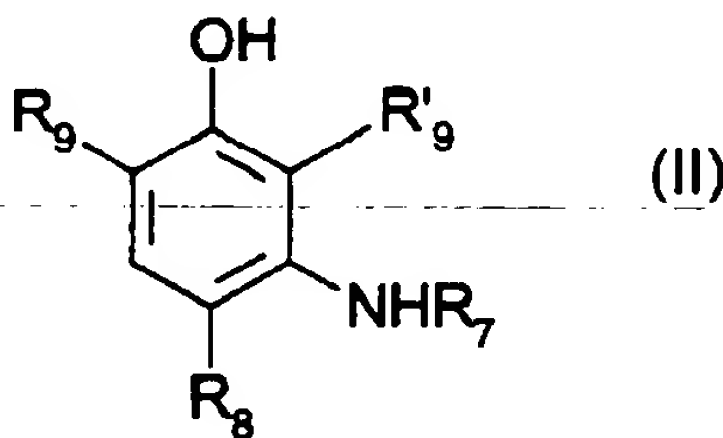
in which:

- B is chosen from formula (Ia) and (Ib):



- R is a C₁-C₄ alkyl radical;

- R_1 is chosen from a hydrogen atom, a halogen atom, a C_1 - C_4 alkyl radical, and a C_1 - C_4 alkoxy radical;
 - R_2 is chosen from a hydrogen atom, a C_1 - C_4 alkyl radical, and a C_1 - C_4 alkoxy radical;
 - R_4 is chosen from a hydrogen atom, a halogen atom, a C_1 - C_4 alkyl radical, a nitro, an amino radical and a $(C_1$ - $C_4)$ acylamino radical;
 - R_3 is a hydrogen atom, or R_4 and R_3 together form a 6-membered unsaturated ring bearing a hydroxyl substituent chelated with one of the nitrogen atoms of the azo double bond;
 - A is a residue $-NR_5R_6$ in which R_5 is chosen from a hydrogen atom, a C_1 - C_4 alkyl radical, a C_1 - C_4 monohydroxyalkyl radical and C_2 - C_4 polyhydroxyalkyl radical and R_6 is chosen from a hydrogen atom, a C_1 - C_4 alkyl radical, a C_1 - C_4 monohydroxyalkyl radical, a C_2 - C_4 polyhydroxyalkyl radical, a phenyl ring and a $-CH_2-SO_3Na$ radical;
 - X^- is chosen from a monovalent anion and a divalent anion, and
- c) at least one coupler chosen from a meta-aminophenol derivative of formula (II), and an addition salt thereof with an acid:



in which:

- R_7 is chosen from a hydrogen atom, a C_1 - C_4 alkyl radical, a C_1 - C_4 monohydroxyalkyl radical, a C_2 - C_4 polyhydroxyalkyl radical and a C_1 - C_4 monoaminoalkyl radical;
- R_8 is chosen from a hydrogen atom, a halogen atom, a C_1 - C_4 alkyl radical, and a C_1 - C_4 alkoxy radical;
- R_9 and R'_9 , which are identical or different, are chosen from a hydrogen atom, a halogen atom, a C_1 - C_4 alkyl radical, a C_1 - C_4 alkoxy radical, a C_1 - C_4 monohydroxyalkyl radical, a C_2 - C_4 polyhydroxyalkyl radical, a C_1 - C_4 monohydroxyalkoxy radical and a C_2 - C_4 polyhydroxyalkoxy radical;

with the proviso that at least one of the substituents R_7 , R_8 , R_9 and R'_9 is not a hydrogen atom.

27. A composition according to Claim 26, wherein said keratin fibres are human keratin fibres.

28. A composition according to Claim 27, wherein said human keratin fibres are human hair.

29. A composition according to Claim 26, wherein said halogen atom is chosen from chlorine, bromine and fluorine.

30. A composition according to Claim 26, wherein said X^- is chosen from a halogen atom, a hydroxide, a hydrogen sulfate and a (C_1-C_6) alkyl sulfate.

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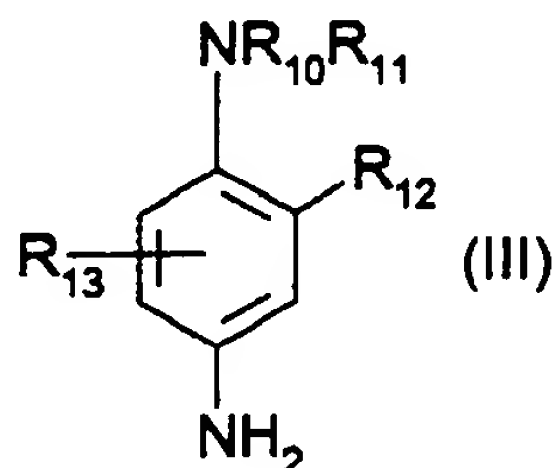
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31. A composition according to Claim 30, wherein said halogen atom is chosen from chlorine, bromine, fluorine and iodine.

32. A composition according to Claim 30, wherein said (C₁-C₆)alkyl sulfate is chosen from a methyl sulfate and an ethyl sulfate.

33. A composition according to Claim 26, wherein said at least one oxidation base is chosen from a para-phenylenediamine, a double base, a para-aminophenol, an ortho-aminophenol and heterocyclic oxidation bases.

34. A composition according to Claim 33, wherein said para-phenylenediamine is chosen from a compound of formula (III), and an addition salt thereof with an acid:



in which:

- R₁₀ is chosen from a hydrogen atom, a C₁-C₄ alkyl radical, a C₁-C₄ monohydroxyalkyl radical, a C₂-C₄ polyhydroxyalkyl radical, a (C₁-C₄)alkoxy(C₁-C₄)alkyl radical, a C₁-C₄ alkyl radical substituted with a nitrogenous group, phenyl and 4'-aminophenyl;

- 21
- R_{11} is chosen from a hydrogen atom, a C_1 - C_4 alkyl radical, a C_1 - C_4 monohydroxyalkyl radical, a C_2 - C_4 polyhydroxyalkyl radical, a $(C_1$ - $C_4)$ alkoxy $(C_1$ - $C_4)$ alkyl radical and a C_1 - C_4 alkyl radical substituted with a nitrogenous group;
 - R_{12} is chosen from a hydrogen atom, a halogen atom, a C_1 - C_4 alkyl radical, a C_1 - C_4 monohydroxyalkyl radical, a C_1 - C_4 hydroxyalkoxy radical, an acetylamino $(C_1$ - $C_4)$ alkoxy radical, a mesylamino $(C_1$ - $C_4)$ alkoxy radical and a carbamoylamino $(C_1$ - $C_4)$ alkoxy radical,
 - R_{13} is chosen from a hydrogen atom, a halogen atom and a C_1 - C_4 alkyl radical.

35. A composition according to Claim 34, wherein said halogen atom is chosen from chlorine, bromine, iodine and fluorine.

36. A composition according to Claim 33, wherein said para-phenylenediamine of formula (III) is chosen from para-phenylenediamine, para-tolylenediamine, 2-chloro-para-phenylenediamine, 2,3-dimethyl-para-phenylenediamine, 2,6-dimethyl-para-phenylenediamine, 2,6-diethyl-para-phenylenediamine, 2,5-dimethyl-para-phenylenediamine, N,N-dimethyl-para-phenylenediamine, N,N-diethyl-para-phenylenediamine, N,N-dipropyl-para-phenylenediamine, 4-amino-N,N-diethyl-3-methylaniline, N,N-bis(β -hydroxyethyl)-para-phenylenediamine, 4-N,N-bis(b-hydroxyethyl)amino-2-methylaniline, 4-N,N-bis(b-hydroxyethyl)amino-2-chloroaniline, 2-b-hydroxyethyl-para-phenylenediamine, 2-fluoro-para-phenylenediamine, 2-isopropyl-para-phenylenediamine, N-(b-hydroxypropyl)-para-phenylenediamine, 2-hydroxymethyl-para-phenylenediamine, N,N-dimethyl-3-methyl-para-phenylenediamine, N-ethyl-N-(b-

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- R_{14} and R_{15} are chosen from a hydrogen atom, a halogen atom, a C_1 - C_4 alkyl radical, a C_1 - C_4 monohydroxyalkyl radical, a C_2 - C_4 polyhydroxyalkyl radical, a C_1 - C_4 aminoalkyl radical and a linker arm Y;
 - R_{16} , R_{17} , R_{18} , R_{19} , R_{20} and R_{21} , which are identical or different, are chosen from a hydrogen atom, a linker arm Y and a C_1 - C_4 alkyl radical;
 - said linker arm Y is chosen from a linear alkylene chain and a branched alkylene chain, each chain comprising from 1 to 14 carbon atoms, which can be interrupted or terminated with at least one nitrogenous group, at least one hetero atom, or a mixture thereof and optionally substituted with at least one hydroxyl radical or a C_1 - C_6 alkoxy radical;
- with the proviso that said compounds of formula (IV) comprise only one linker arm Y per molecule.

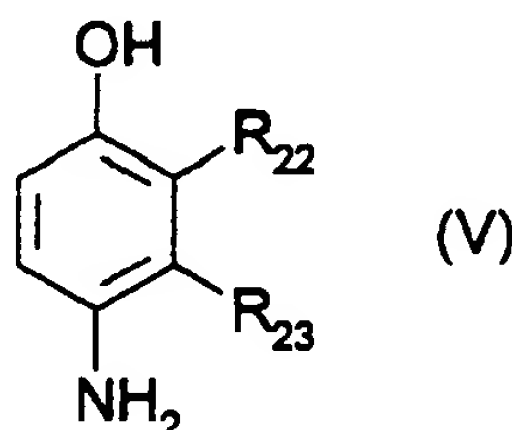
38. A composition according to Claim 37, wherein said at least one hetero atom is chosen from oxygen, sulphur and nitrogen.

39. A composition according to Claim 37, wherein said double base of formula (IV) is chosen from N,N'-bis(b-hydroxyethyl)-N,N'-bis(4'-aminophenyl)-1,3-diaminopropanol, N,N'-bis(b-hydroxyethyl)-N,N'-bis(4'-aminophenyl)ethylenediamine, N,N'-bis(4-aminophenyl)tetramethylenediamine, N,N'-bis(b-hydroxyethyl)-N,N'-bis(4-aminophenyl)tetramethylenediamine, N,N'-bis(4-methylaminophenyl)tetramethylenediamine, N,N'-bis(ethyl)-N,N'-bis(4'-amino-3'-methylphenyl)ethylenediamine, 1,8-bis(2,5-diaminophenoxy)-3,5-dioxaoctane, and an addition salt thereof with an acid.

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40. A composition according to Claim 33, wherein said para-aminophenol is chosen from a compound of formula (V), and an addition salt thereof with an acid:



in which:

- R_{22} is chosen from a hydrogen atom, a halogen atom, a C_1 - C_4 alkyl radical, a C_1 - C_4 monohydroxyalkyl radical, a $(C_1$ - $C_4)$ alkoxy(C_1 - C_4)alkyl radical, a C_1 - C_4 aminoalkyl radical and a hydroxy(C_1 - C_4)alkylamino(C_1 - C_4)alkyl radical,
- R_{23} is chosen from a hydrogen atom, a halogen atom, a C_1 - C_4 alkyl radical, a C_1 - C_4 monohydroxyalkyl radical, a C_2 - C_4 polyhydroxyalkyl radical, a C_1 - C_4 aminoalkyl radical, a cyano(C_1 - C_4)alkyl radical and a $(C_1$ - $C_4)$ alkoxy(C_1 - C_4)alkyl radical,

with the proviso that at least one of the substituents R_{22} and R_{23} is a hydrogen atom.

41. A composition according to Claim 40, wherein said para-aminophenol of formula (V) is chosen from para-aminophenol, 4-amino-3-methylphenol, 4-amino-3-fluorophenol, 4-amino-3-hydroxymethylphenol, 4-amino-2-methylphenol, 4-amino-2-hydroxymethylphenol, 4-amino-2-methoxymethylphenol, 4-amino-2-aminomethylphenol, 4-

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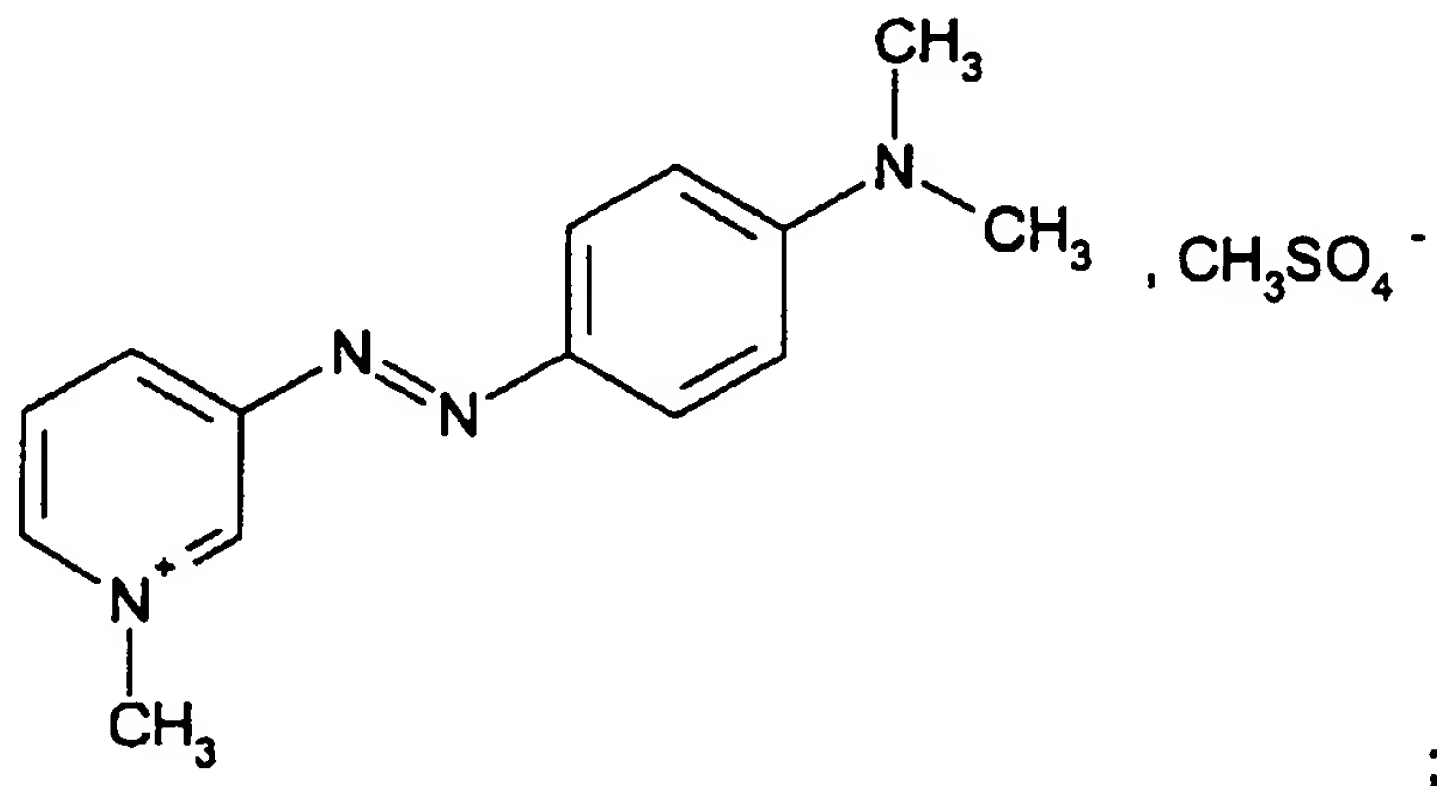
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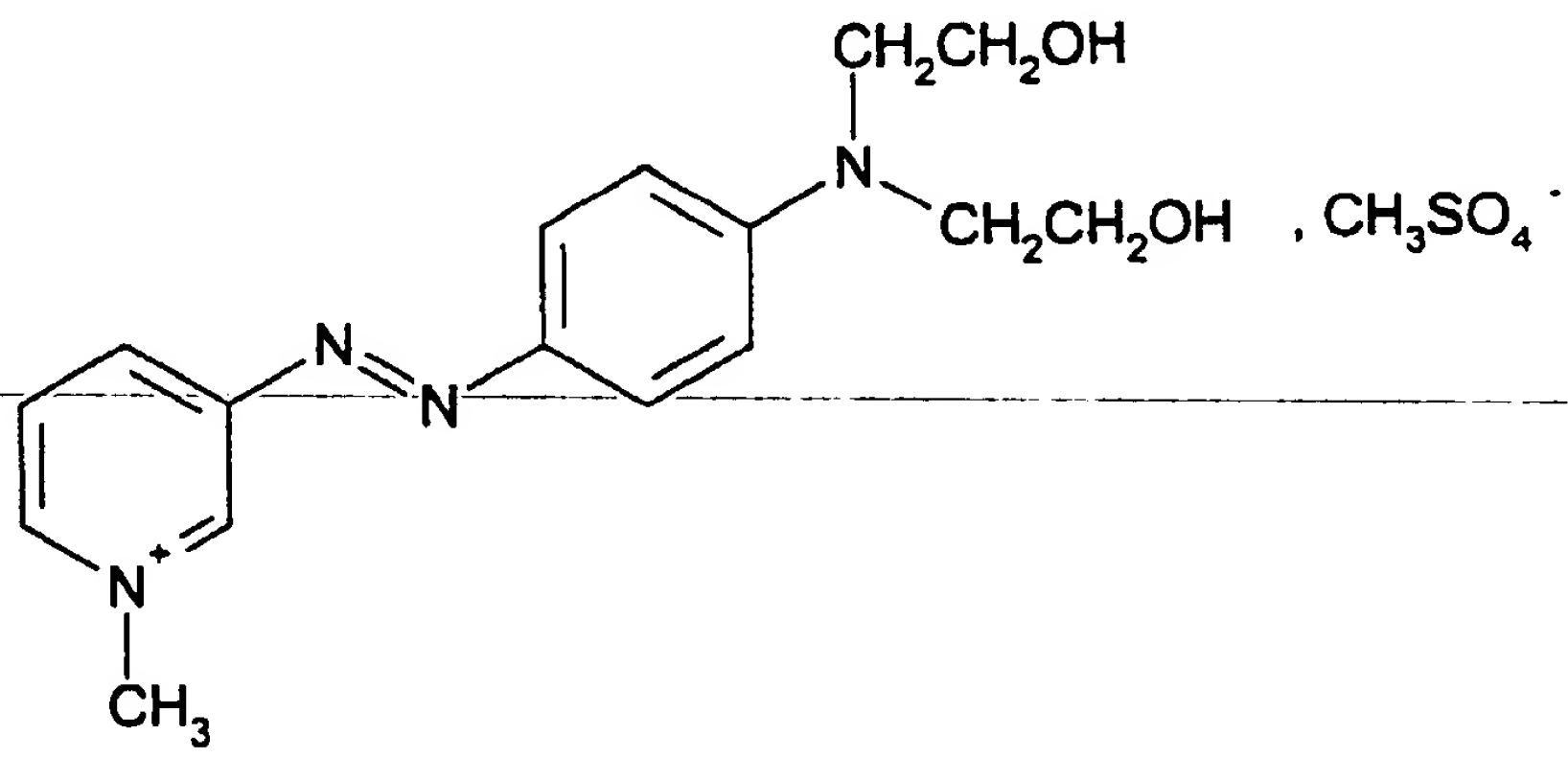
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- 4'-dimethylaminobenzene-1'-azo-1-methyl-3-pyridinium methosulphate of formula:



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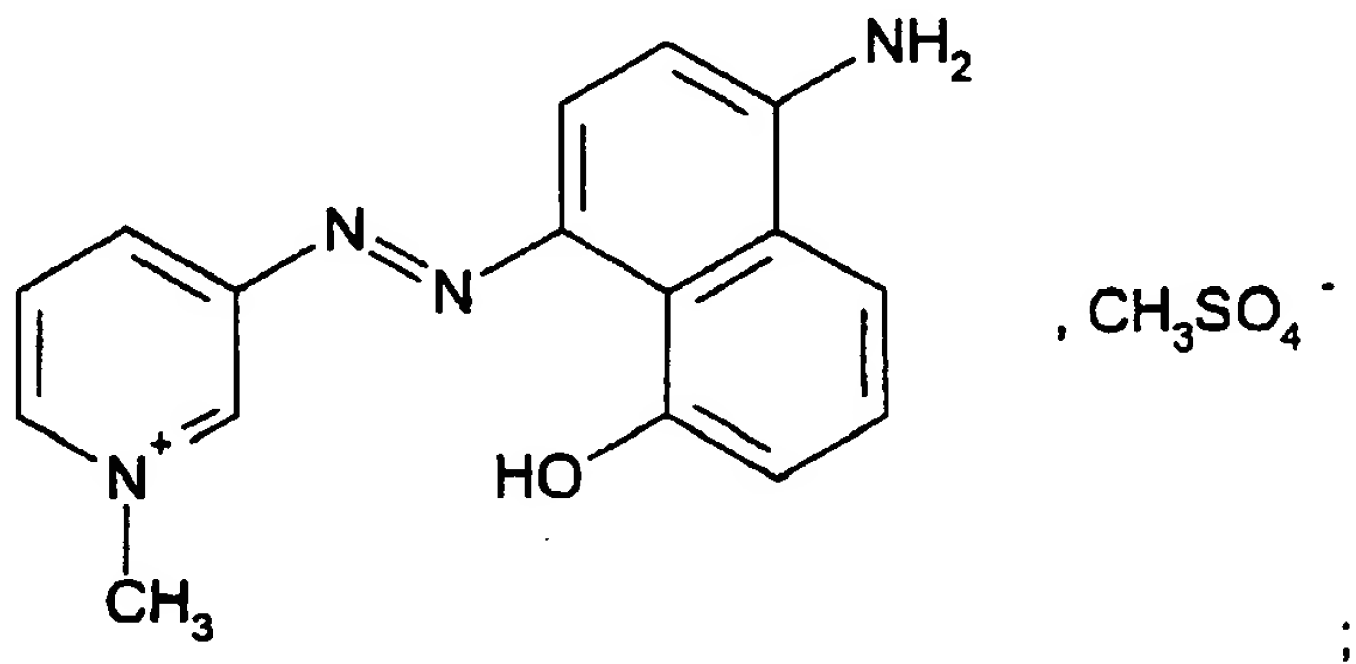
- 4'-bis(b-hydroxyethyl)aminobenzene-1'-azo-1-methyl-3-pyridinium methosulphate of formula:



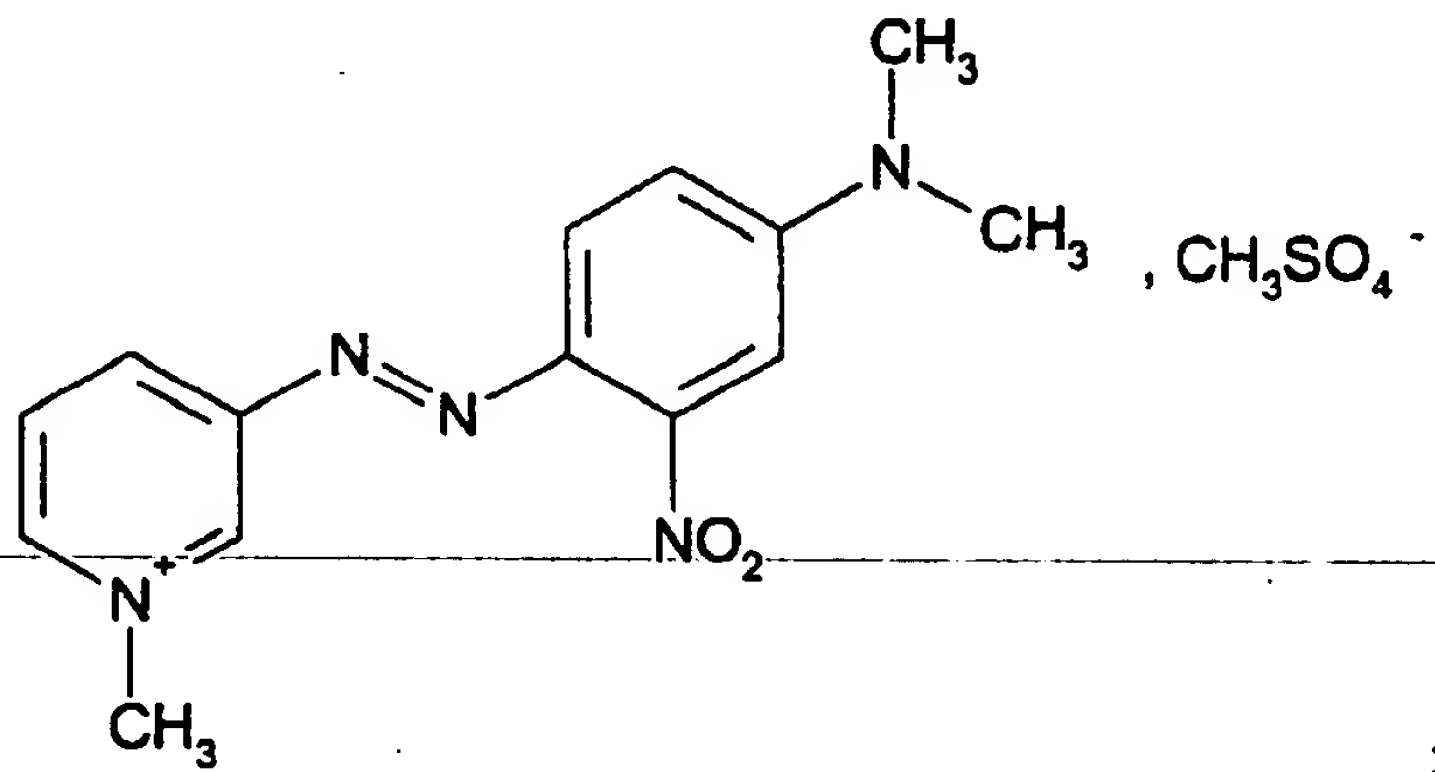
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- 4'-amino-8'-hydroxynaphthalene-1'-azo-1-methyl-3-pyridinium methosulphate of formula:



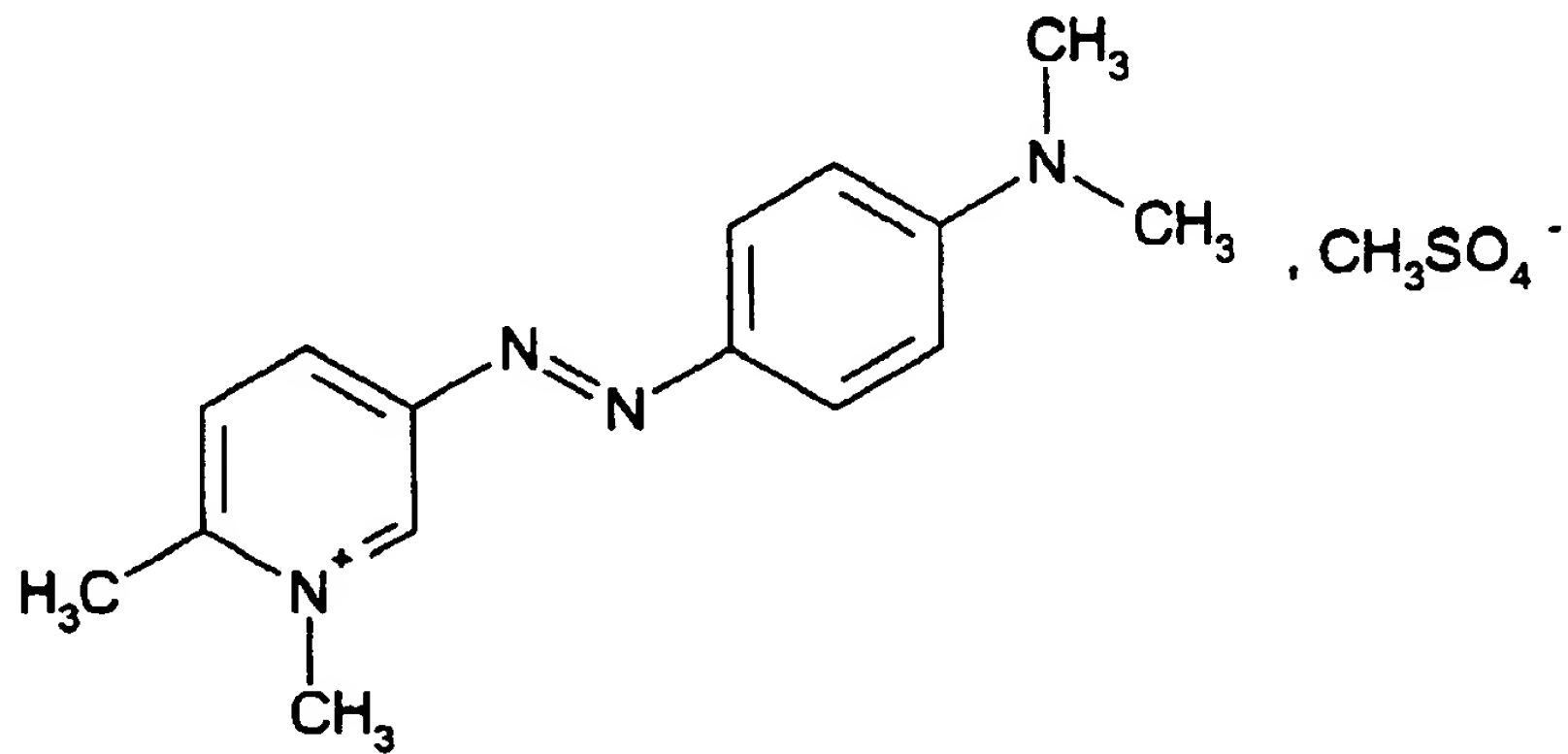
- 4'-dimethylamino-2'-nitrobenzene-1'-azo-1-methyl-3-pyridinium methosulphate of formula:



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- 4'-dimethylaminobenzene-1'-azo-1,6-dimethyl-3-pyridinium methosulphate of formula:

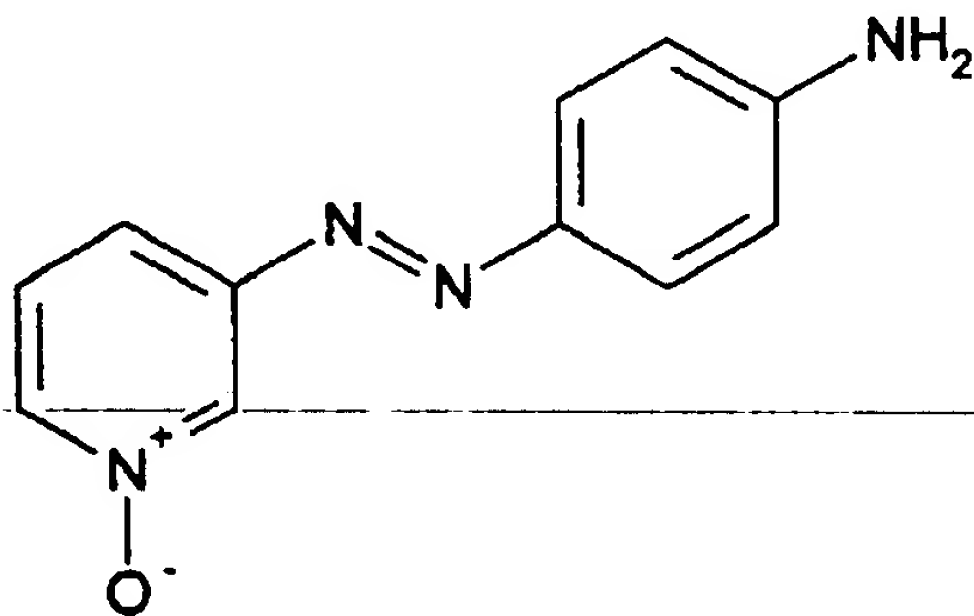


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- 4'-aminobenzene-1'-azo-3-pyridine N-oxide of formula:



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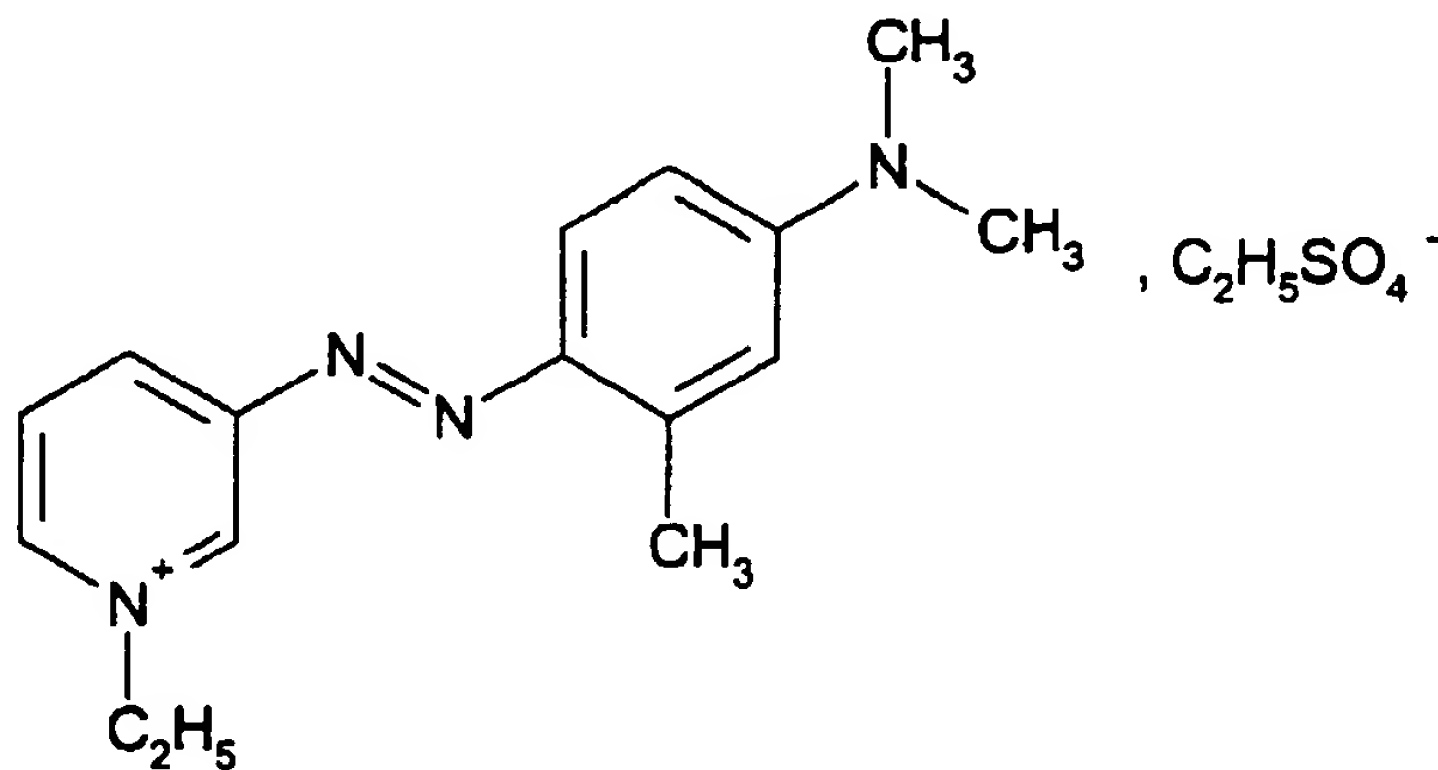
CN(C)c1ccc(N=Nc2cc[n+]([O-])cc2)cc1

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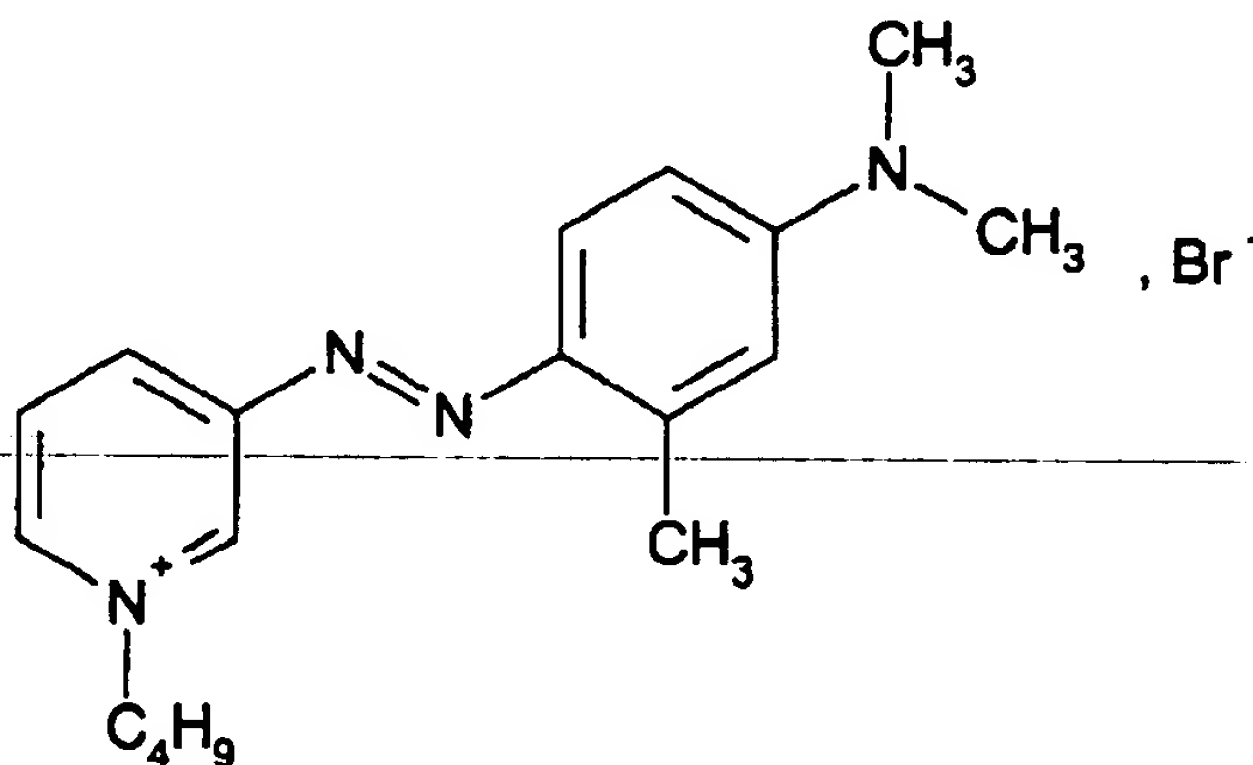
OCCN(CCO)c1ccc(cc1)/N=N/c2ccc(cc2)[N+]([O-])=O

:

- 4'-dimethylamino-2'-methylbenzene-1'-azo-1-ethyl-3-pyridinium ethosulphate of formula:



- 4'-dimethylamino-2'-methylbenzene-1'-azo-1-butyl-3-pyridinium bromide of formula:



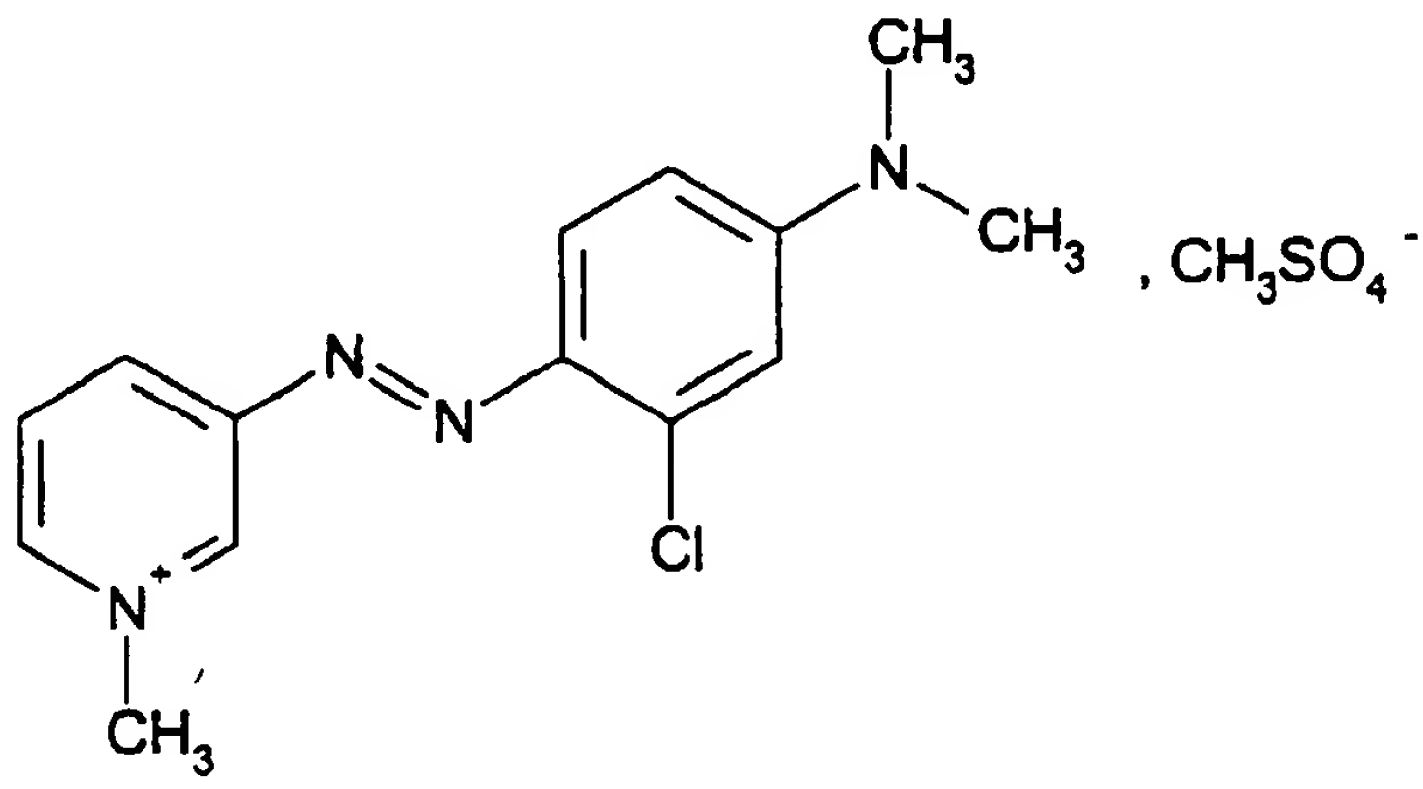
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- 4'-dimethylamino-2'-chlorobenzene-1'-azo-1-methyl-3-pyridinium methosulphate of formula:



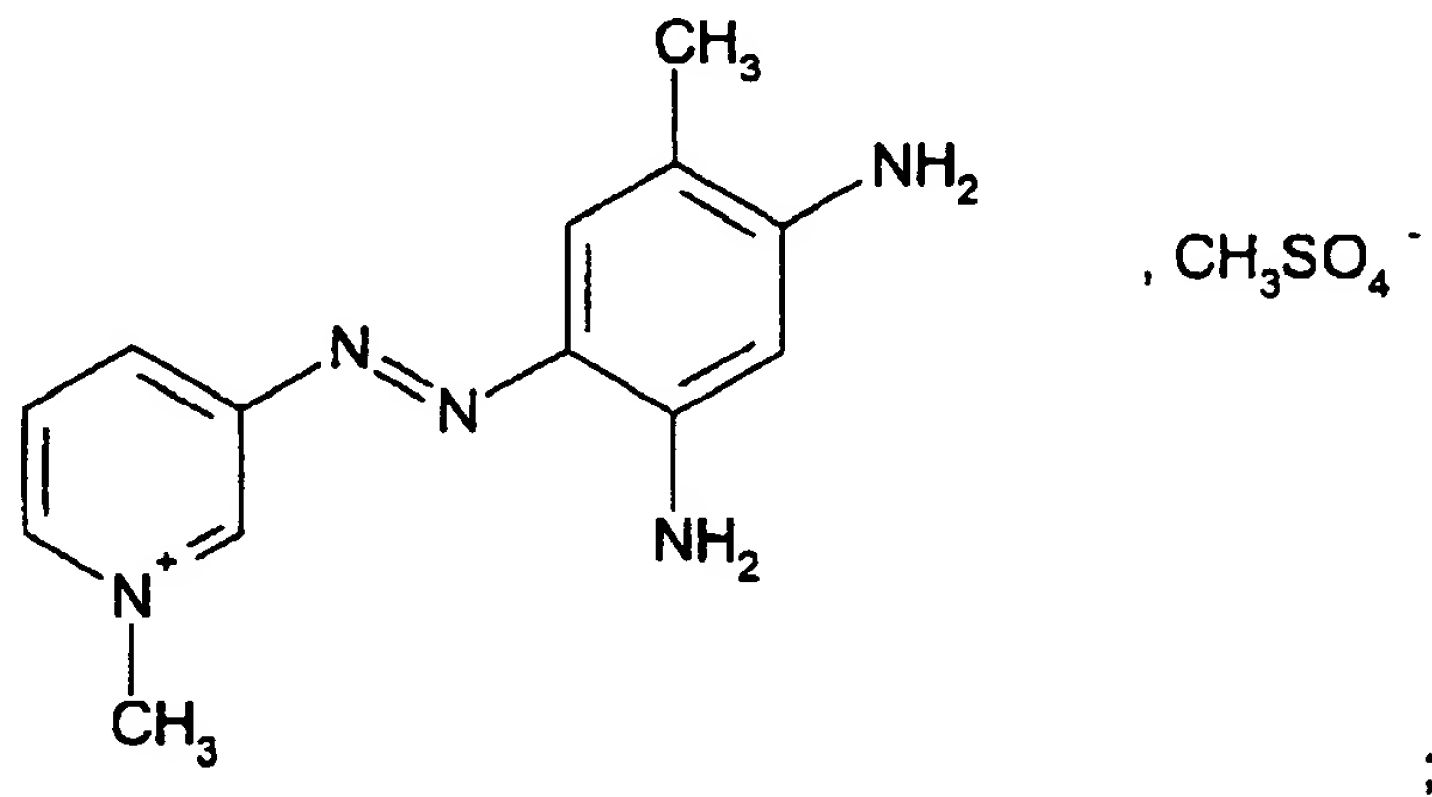
- 2',4'-diamino-5'-methylbenzene-1'-azo-1-methyl-3-pyridinium methosulphate of formula:

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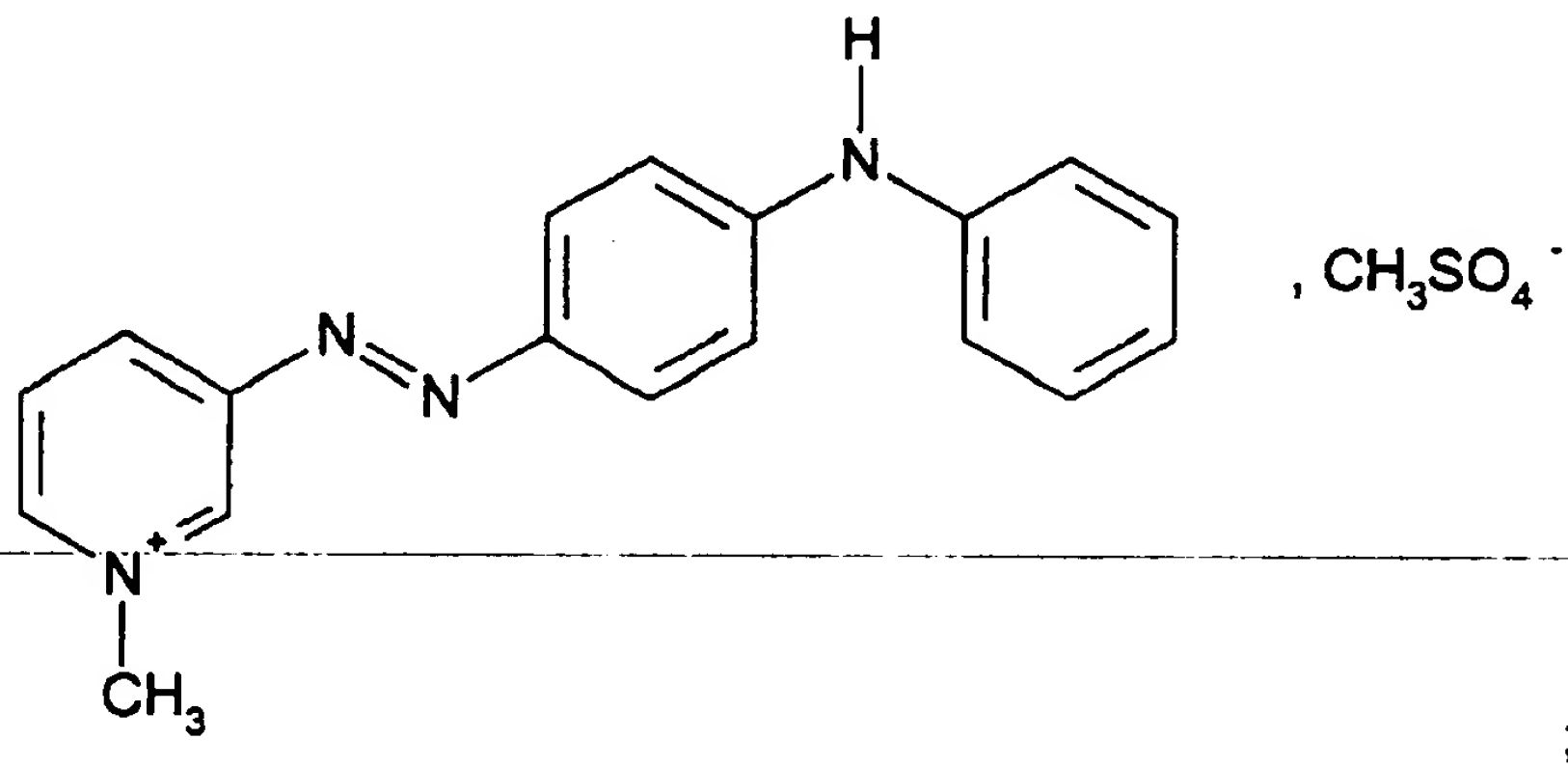


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- 4'-phenylaminobenzene-1'-azo-1-methyl-3-pyridinium methosulphate of formula:

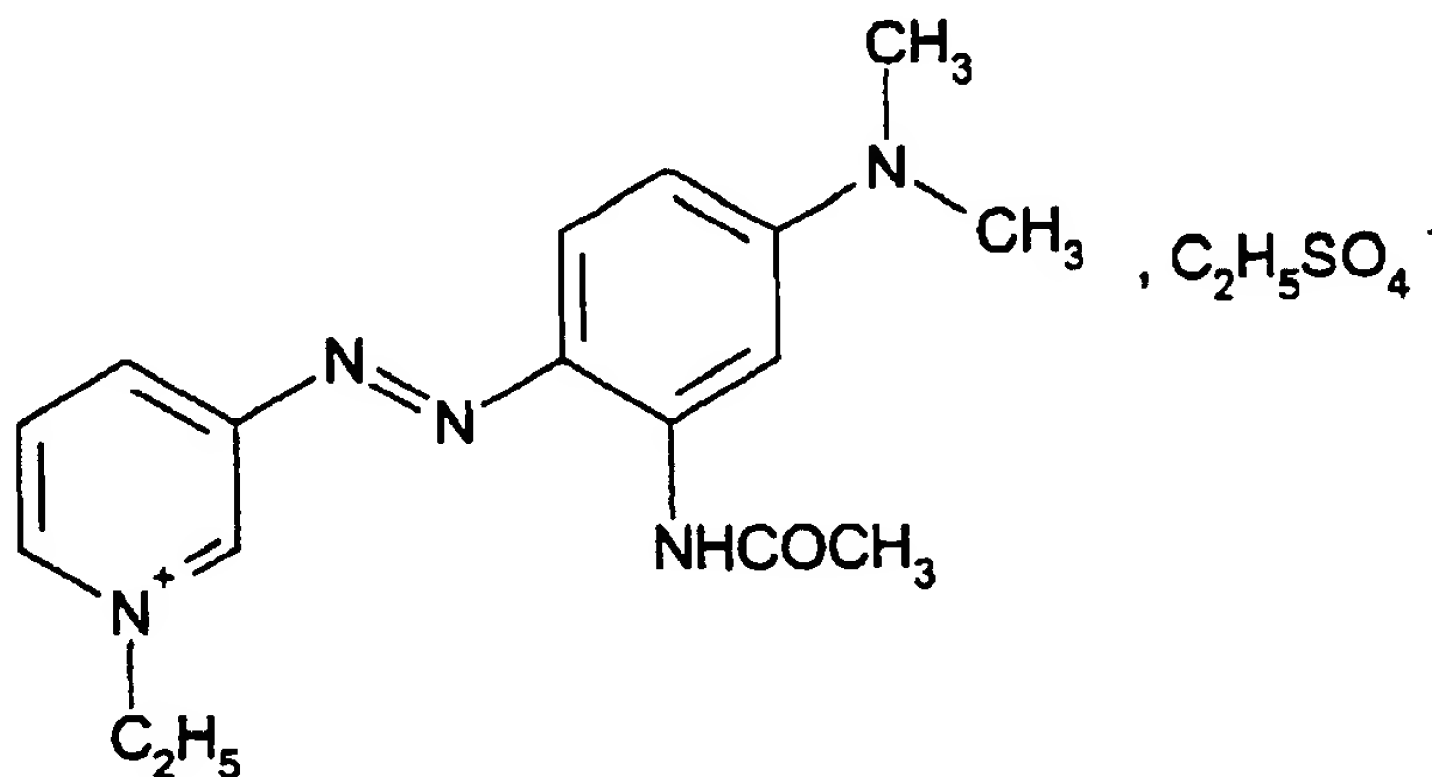


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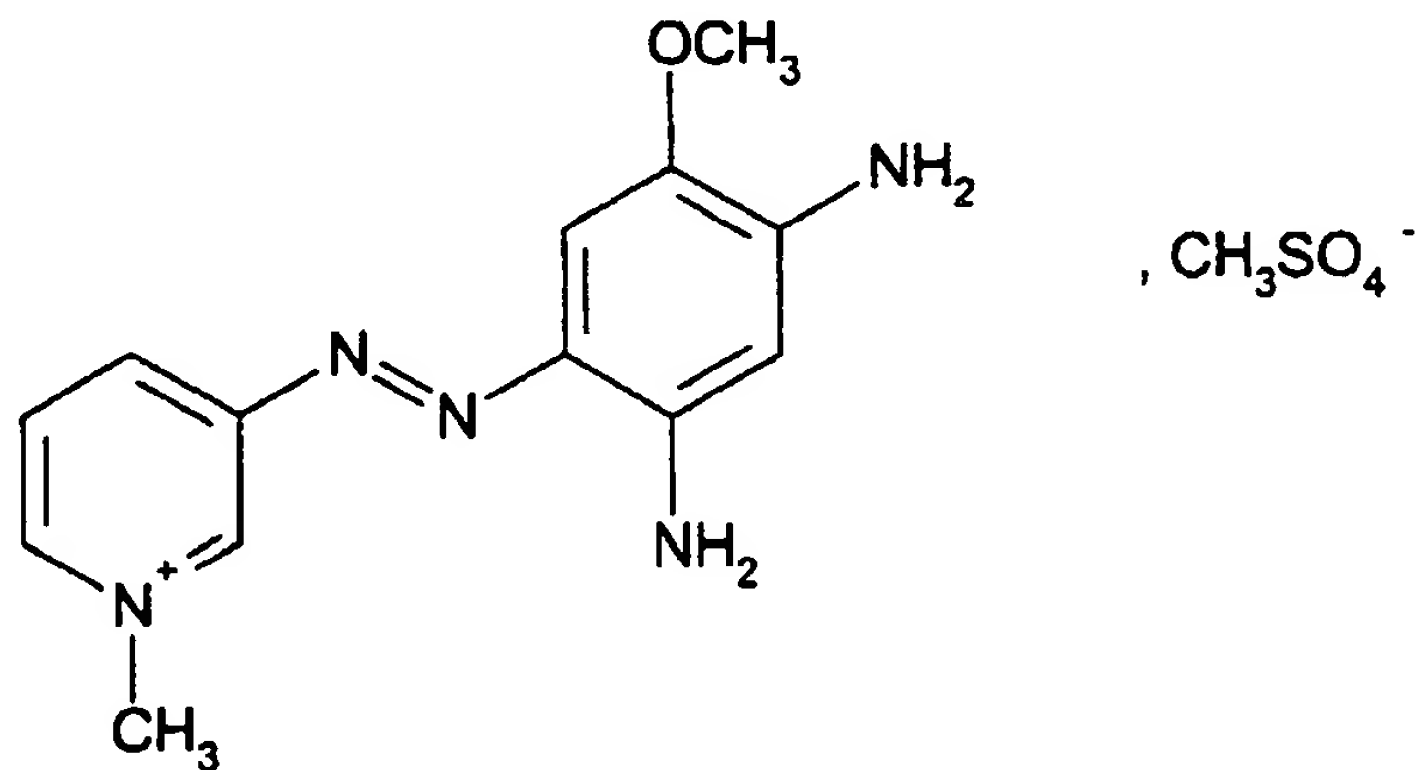
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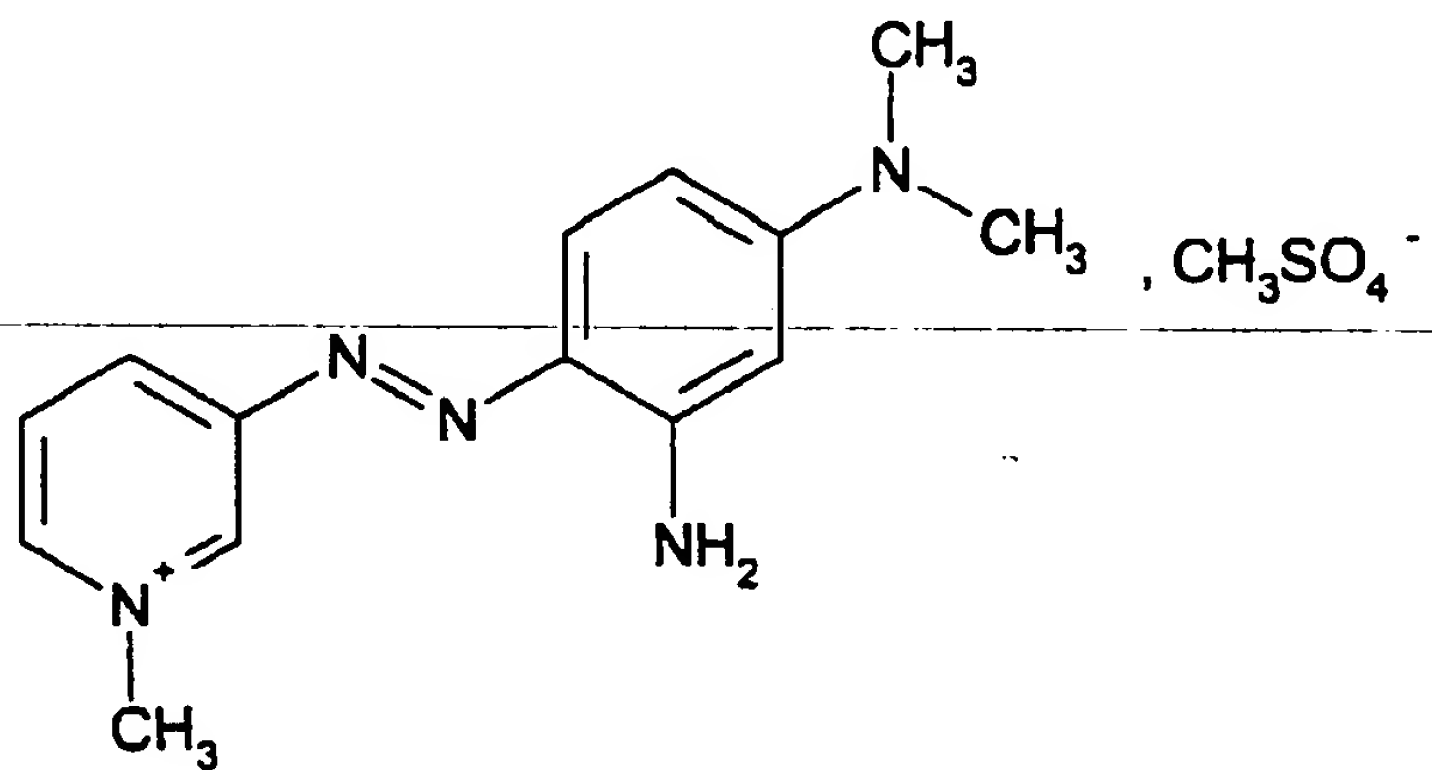


- 2',4'-diamino-5'-methoxybenzene-1'-azo-1-methyl-3-pyridinium methosulphate of formula:



and

- 2'-amino-4'-dimethylaminobenzene-1'-azo-1-methyl-3-pyridinium methosulphate of formula:



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47. A composition according to Claim 26, wherein said at least one 3-amino-pyridine derivative of formula (I) is present in an amount ranging from about 0.001 to about 10% by weight relative to the total weight of the dye composition.

48. A composition according to Claim 47, wherein said at least one 3-aminopyridine derivative of formula (I) is present in an amount ranging from about 0.01 to about 5% by weight relative to the total weight of the dye composition.

49. A composition according to Claim 26, wherein said meta-aminophenol derivative of formula (II) is chosen from 5-amino-2-methoxyphenol, 5-amino-2-(b-hydroxyethyloxy)phenol, 5-amino-2-methylphenol, 5-N-(b-hydroxyethyl)amino-2-methylphenol, 5-N-(b-hydroxyethyl)amino-4-methoxy-2-methylphenol, 5-amino-4-methoxy-2-methylphenol, 5-amino-4-chloro-2-methylphenol, 5-amino-2,4-dimethoxyphenol, 5-(g-hydroxypropylamino)-2-methylphenol, 3-amino-2-chloro-6-methylphenol, 3-amino-6-chlorophenol, 3-(b-aminoethyl)amino-6-chlorophenol, and an addition salt thereof with an acid.

50. A composition according to Claim 26, wherein said meta-aminophenol derivative of formula (II) is present in an amount ranging from about 0.0001 to about 10% by weight relative to the total weight of the dye composition.

51. A composition according to Claim 50, wherein said meta-aminophenol derivative of formula (II) is present in an amount ranging from about 0.005 to about 5% by weight relative to the total weight of the dye composition.

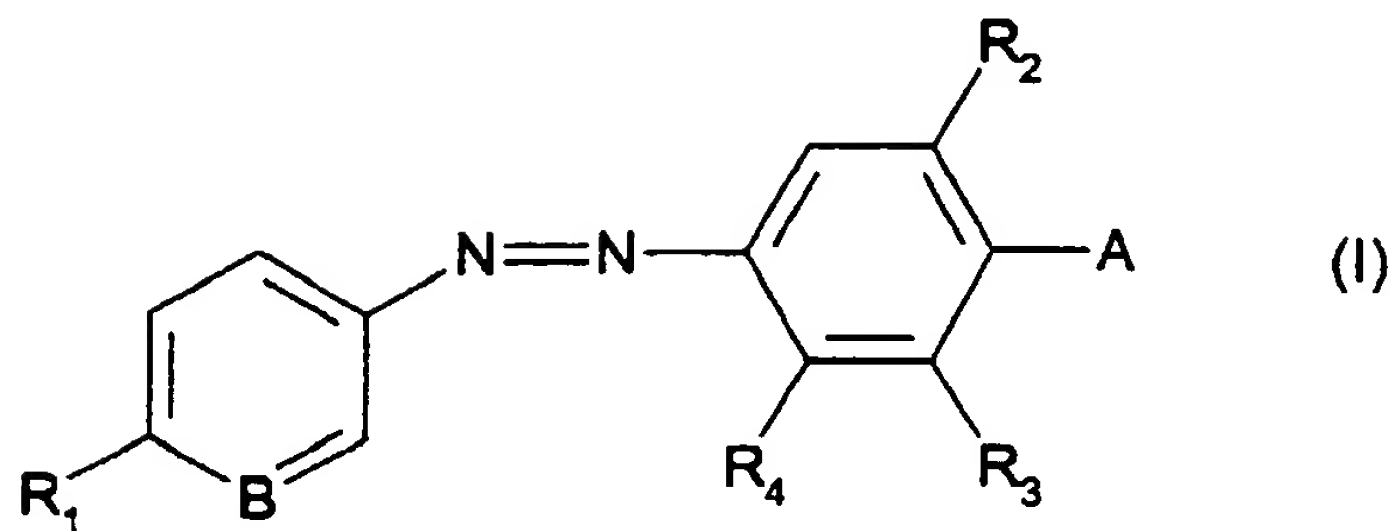
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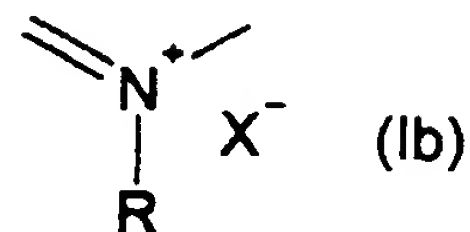
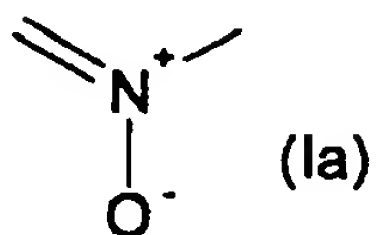
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in which:

- B is chosen from formula (Ia) and (Ib):

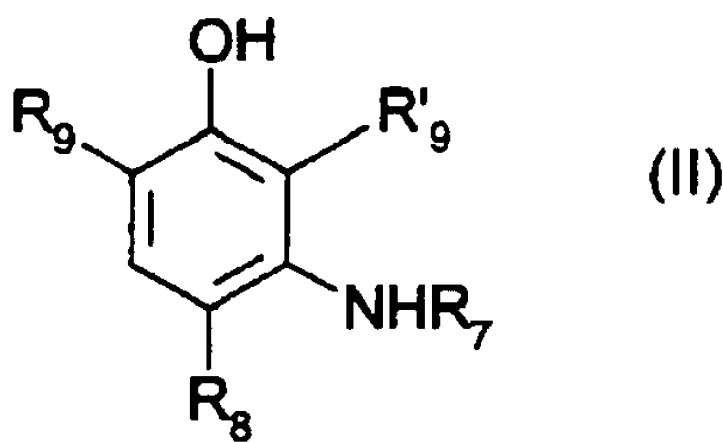


- R is a C₁-C₄ alkyl radical;
- R₁ is chosen from a hydrogen atom, a halogen atom, a C₁-C₄ alkyl radical, and a C₁-C₄ alkoxy radical;
- R₂ is chosen from a hydrogen atom, a C₁-C₄ alkyl radical, and a C₁-C₄ alkoxy radical;

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- R_4 is chosen from a hydrogen atom, a halogen atom, a C_1 - C_4 alkyl radical, a nitro, an amino radical and a $(C_1$ - $C_4)$ acylamino radical;
 - R_3 is a hydrogen atom, or R_4 and R_3 together form a 6-membered unsaturated ring bearing a hydroxyl substituent chelated with one of the nitrogen atoms of the azo double bond;
 - A is a residue $-NR_5R_6$ in which R_5 is chosen from a hydrogen atom, a C_1 - C_4 alkyl radical, a C_1 - C_4 monohydroxyalkyl radical and a C_2 - C_4 polyhydroxyalkyl radical and R_6 is chosen from a hydrogen atom, a C_1 - C_4 alkyl radical, a C_1 - C_4 monohydroxyalkyl radical, a C_2 - C_4 polyhydroxyalkyl radical, a phenyl ring and a $-CH_2-SO_3Na$ radical;
 - X^- is chosen from a monovalent anion and a divalent anion, and
- c) at least one coupler chosen from a meta-aminophenol derivative of formula (II), and an addition salt thereof with an acid:



in which:

- with the proviso that at least one of the substituents R₇, R₈, R₉ and R'₉ is not a hydrogen atom; and

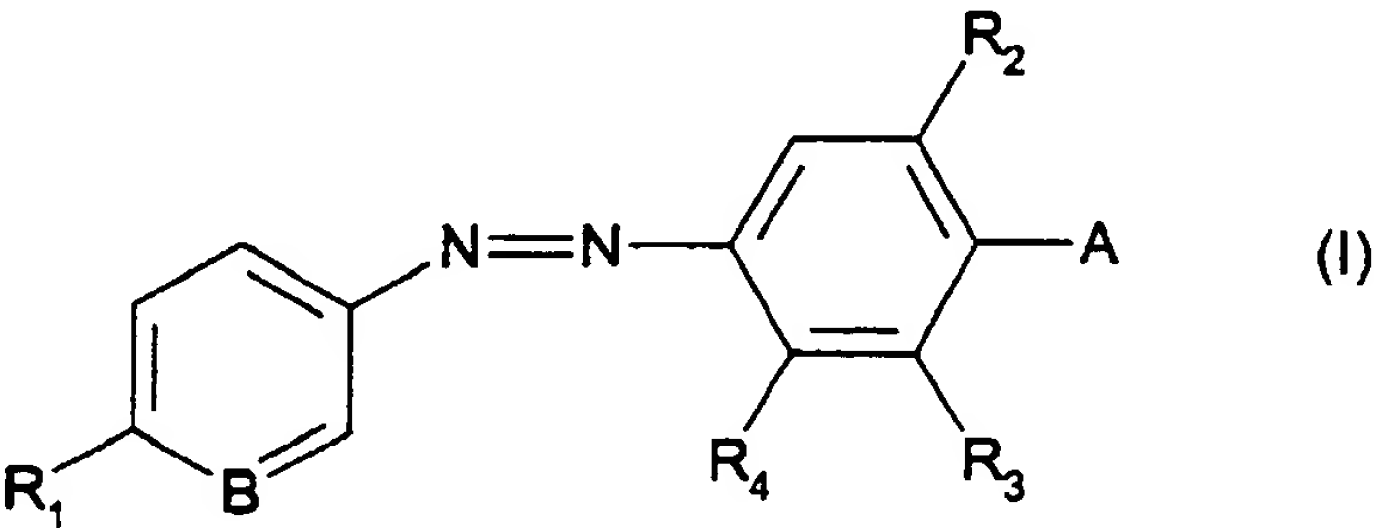
2) developing a color at an acidic, neutral or alkaline pH with the aid of an oxidizing agent, wherein said oxidizing agent is added to said at least one dye composition at the time of application of said at least one dye composition, or wherein said oxidizing agent is present in an oxidizing composition, and wherein said oxidizing composition is applied simultaneously or sequentially with said at least one dye composition.

58. A process according to Claim 57, wherein said oxidizing agent present in the oxidizing composition is chosen from hydrogen peroxide, urea peroxide, alkali metal bromates, persalts, peracids and enzymes.

59. A process according to Claim 58, wherein said persalts are chosen from perborates, percarbonates and persulphates.

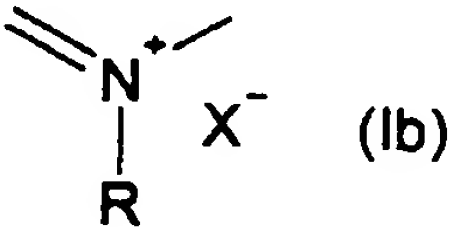
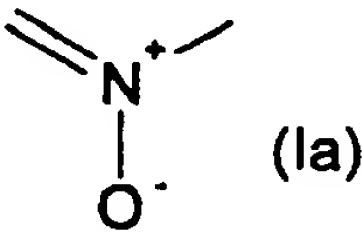
60. A multi-compartment dyeing device or kit comprising at least two compartments, wherein one compartment comprises an oxidizing composition, and another compartment comprises at least one dye composition, wherein said at least one dye composition comprises

- a) at least one oxidation base,
- b) as direct dye, at least one 3-aminopyridine derivative chosen from the compounds of formula (I):

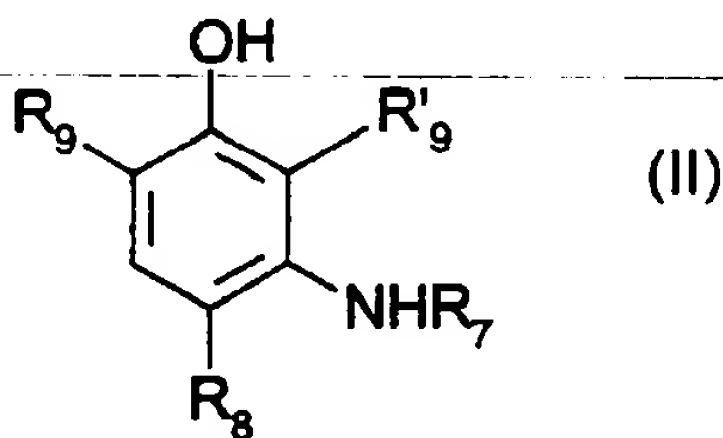


in which:

- B is chosen from formula (Ia) and (Ib):



- R is a C₁-C₄ alkyl radical;
 - R₁ is chosen from a hydrogen atom, a halogen atom, a C₁-C₄ alkyl radical, and a C₁-C₄ alkoxy radical;
 - R₂ is chosen from a hydrogen atom, a C₁-C₄ alkyl radical, and a C₁-C₄ alkoxy radical;
 - R₄ is chosen from a hydrogen atom, a halogen atom, a C₁-C₄ alkyl radical, a nitro, an amino radical and a (C₁-C₄)acylamino radical;
 - R₃ is a hydrogen atom, or R₄ and R₃ together form a 6-membered unsaturated ring bearing a hydroxyl substituent chelated with one of the nitrogen atoms of the azo double bond;
 - A is a residue -NR₅R₆ in which R₅ is chosen from a hydrogen atom, a C₁-C₄ alkyl radical, a C₁-C₄ monohydroxyalkyl radical and C₂-C₄ polyhydroxyalkyl radical and R₆ is chosen from a hydrogen atom, a C₁-C₄ alkyl radical, a C₁-C₄ monohydroxyalkyl radical, a C₂-C₄ polyhydroxyalkyl radical, a phenyl ring and a -CH₂-SO₃Na radical;
 - X⁻ is chosen from a monovalent anion and a divalent anion, and
- c) at least one coupler chosen from a meta-aminophenol derivative of formula (II), and an addition salt thereof with an acid:



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